



Espacenet

Bibliographic data: JP 2000510021 (T)

HYPODERMIC JET INJECTOR

Publication date: 2000-08-08
Inventor(s):
Applicant(s):
Classification:

- International: **A61M5/30; (IPC1-7): A61M5/30**
- European: **A61M5/30**

Application number: JP19980517471T 19961009
Priority number(s): WO1996US16184 19961009

Also published as:

- JP 3213003 (B2)
- CA 2289560 (A1)
- CA 2289560 (C)
- WO 9615307 (A1)
- ES 2251726 (T3)
- more

Abstract not available for JP 2000510021 (T)

Abstract of corresponding document: CA 2259560 (A1)

A system is provided that is useful for a hypodermic jet injection of medication without piercing the skin with a needle. The system includes a spring actuated needleless hypodermic injector device (26) for injecting medication through the skin. The injector device includes an ampule assembly (2') having a chamber for holding liquid medication and an injector for receiving and mounting the ampule assembly. A plunger assembly (202), movable within the ampule chamber is used for drawing liquid medication into the ampule chamber and for ejecting liquid medication out from a chamber. The injector includes a spring actuated piston (230) which provides a force to move the ampule assembly plunger and thereby force liquid medication to leave the chamber at such velocity that it can be hypodermically injected at an injection site.; The system also includes a coupler for use on a medication vial for transferring medication to the ampule assembly.

Last updated: 26.04.2011 Worldwide Database 5.7.22. 93p